

**PATENT APPLICATION FEE**  
Effective 10-1-80

**CLAIMS AS FILED**

|                                  |                          |
|----------------------------------|--------------------------|
| TOTAL CLAIMS                     | 3                        |
| FOR                              | NUMBER EXTRA             |
| TOTAL CHARGEABLE CLAIMS          | 3                        |
| INDEPENDENT CLAIMS               |                          |
| MULTIPLE DEPENDENT CLAIM PRESENT | <input type="checkbox"/> |

\* If the difference in column 1 is less than the difference in column 2

**CLAIMS AS AMENDED**

10-25-04

|                                      |                                  |      |
|--------------------------------------|----------------------------------|------|
| (Column 1)                           | CLAIMS REMAINING AFTER AMENDMENT |      |
| Total                                | 20                               | Min. |
| Independent                          | 2                                | Min. |
| FIRST PRESENTATION OF MULTIPLE CLAIM |                                  |      |

4-11-05

|                                      |                                  |      |
|--------------------------------------|----------------------------------|------|
| (Column 1)                           | CLAIMS REMAINING AFTER AMENDMENT |      |
| Total                                | 21                               | Min. |
| Independent                          | 3                                | Min. |
| FIRST PRESENTATION OF MULTIPLE CLAIM |                                  |      |

9-6-06

|                                      |                                  |      |
|--------------------------------------|----------------------------------|------|
| (Column 1)                           | CLAIMS REMAINING AFTER AMENDMENT |      |
| Total                                | 11                               | Min. |
| Independent                          | 1                                | Min. |
| FIRST PRESENTATION OF MULTIPLE CLAIM |                                  |      |

\* If the entry in column 1 is less than the entry in column 2, enter "20."  
\* If the "Highest Number Previously Paid For" is less than 3, enter "3."  
\* If the "Highest Number Previously Paid For" is the highest number found in the appropriate box in column 1.

**APPLICATION RECORD**

Application or Docket Number

10/081712  
1759-28-3

(Column 2)

|              |                          |
|--------------|--------------------------|
| NUMBER EXTRA | 15                       |
|              | 2                        |
|              | <input type="checkbox"/> |

(Column 3)

|               |                          |
|---------------|--------------------------|
| PRESENT EXTRA |                          |
|               |                          |
|               | <input type="checkbox"/> |

(Column 3)

|               |                          |
|---------------|--------------------------|
| PRESENT EXTRA |                          |
|               |                          |
|               | <input type="checkbox"/> |

(Column 3)

|               |                          |
|---------------|--------------------------|
| PRESENT EXTRA |                          |
|               |                          |
|               | <input type="checkbox"/> |

**SMALL ENTITY TYPE**

| RATE      | FEE    |
|-----------|--------|
| BASIC FEE | 370.00 |
| X\$9=     | 135    |
| X42=      | 84     |
| +140=     | —      |
| TOTAL     | 589    |

**OTHER THAN SMALL ENTITY**

| RATE      | FEE    |
|-----------|--------|
| BASIC FEE | 740.00 |
| X\$18=    |        |
| X84=      |        |
| +280=     |        |
| TOTAL     |        |

**SMALL ENTITY**

| RATE             | ADDITIONAL FEE |
|------------------|----------------|
| X\$9=            |                |
| X42=             |                |
| +140=            |                |
| TOTAL ADDIT. FEE |                |

**OTHER THAN SMALL ENTITY**

| RATE             | ADDITIONAL FEE |
|------------------|----------------|
| X\$18=           |                |
| X84=             |                |
| +280=            |                |
| TOTAL ADDIT. FEE |                |

| RATE             | ADDITIONAL FEE |
|------------------|----------------|
| X\$9=            |                |
| X42=             |                |
| +140=            |                |
| TOTAL ADDIT. FEE |                |

| RATE             | ADDITIONAL FEE |
|------------------|----------------|
| X\$18=           |                |
| X84=             |                |
| +280=            |                |
| TOTAL ADDIT. FEE |                |

| RATE             | ADDITIONAL FEE |
|------------------|----------------|
| X\$9=            |                |
| X42=             |                |
| +140=            |                |
| TOTAL ADDIT. FEE |                |

| RATE             | ADDITIONAL FEE |
|------------------|----------------|
| X\$18=           |                |
| X84=             |                |
| +280=            |                |
| TOTAL ADDIT. FEE |                |

\* If the entry in column 3 is less than 20, enter "20."  
\* If the entry in column 3 is less than 3, enter "3."  
\* If the entry in column 3 is the highest number found in the appropriate box in column 1.

Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

FORM PTO-578 (Rev. 10-1)

12/31/2014/1/1/1/1

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